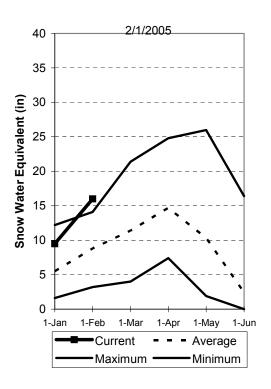
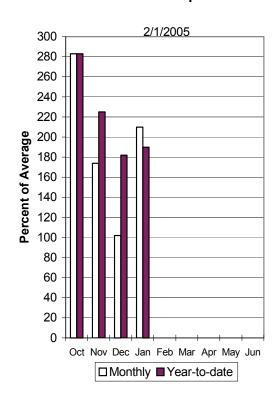
Sevier and Beaver River Basins Feb 1, 2005

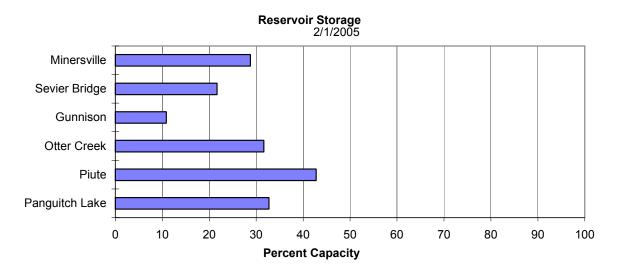
Snowpacks on the Sevier River Basin are much above normal at 183% of average, about 189% of last year an up 11% from last month. The lower Sevier area is near average at 107%. Individual sites range from 79% to 377% of average. Precipitation during January was much above average at 210% of normal, bringing the seasonal accumulation (Oct-Jan) to 190% of average. Soil moisture estimates in runoff producing areas are at 66% of saturation (Sevier) in the upper 2 feet of soil compared to 31% last year an up 4% from last month. Streamflow forecasts range from 107% to 255% of average. Reservoir storage is at 27% of capacity, 6% more than last year. Surface Water Supply Indices are: Upper Sevier 94%, Lower Sevier 85% and Beaver 74%. Water supply conditions are above average due to high snowpack and soil moisture. The Sevier has a 97% probability of at least average snowpacks on April 1 and significant probability of 140% or more. On the upper Sevier, preparation for high flows is appropriate.

Sevier River Snowpack



Sevier River Precipitation





SEVIER & BEAVER RIVER BASINS Streamflow Forecasts - February 1, 2005

	 	<<===== Drier ===== Future Conditions ====== Wetter ====>>						
Forecast Point	Forecast Period 	90% (1000AF)	70% (1000AF)	= Chance Of E 50 (1000AF)		30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
Sevier River at Hatch	APR-JUL	111	130	 140	255	150	169	55
Sevier River nr Kingston	APR-JUL	166	191	l 205	230 I	219	245	89
EF Sevier R nr Kingston	APR-JUL	58	73	I 83	218	93	108	38
Sevier R blw Piute Dam	APR-JUL	200	239	 265	210	291	330	126
Clear Creek nr Sevier	APR-JUL	22	30	I 35	159	40	48	22
Salina Creek at Salina	APR-JUL			 MUCH ABOV	I E AVERAGE			19.7
Sevier R nr Gunnison	APR-JUL	255	396	I 470	168	544	685	280
Chicken Creek nr Levan	APR-JUL	1.92	3.43	l 4.80	107	6.50	9.66	4.50
Oak Creek nr Oak City	APR-JUL	1.08	1.55	 1.92	116	2.32	3.00	1.66
Beaver River nr Beaver	APR-JUL	28	35	I I 40	148	46	55	27
Minersville Reservoir inflow	APR-JUL	11.6	18.4	 24 	145 145	30	41	16.6
SEVIER & BEAVER RIVER BASINS				 	SEVIER	& BEAVER RIV	ER BASINS	

SEVIER & Reservoir Storage	SEVIER & BEAVER RIVER BASINS Watershed Snowpack Analysis - February 1, 2005							
Reservoir	Usable Capacity 	*** Usa This Year	ble Stora Last Year	ge *** 	Watershed Da	Number of ata Sites		r as % of Average
GUNNISON	20.3	2.2	1.2	13.1	UPPER SEVIER RIVER (south	n 8	27 4	268
MINERSVILLE (RkyFd)	23.3	6.7	4.6	14.4	EAST FORK SEVIER RIVER	3	294	279
OTTER CREEK	52.5	16.6	16.5	36.5	SOUTH FORK SEVIER RIVER	5	261	262
PIUTE	71.8	30.7	25.0	49.5	LOWER SEVIER RIVER (incl	1 6	115	107
SEVIER BRIDGE	236.0	51.1	37.2	159.6	BEAVER RIVER	2	152	150
PANGUITCH LAKE	22.3	7.3	3.8	131.4 	SEVIER & BEAVER RIVER BAS	S 16	194	183

^{* 90%, 70%, 50%, 30%,} and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

^{(1) -} The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels. (2) - The value is natural volume - actual volume may be affected by upstream water management.